

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1-2. (Cancelled)

3. (Withdrawn and Currently Amended) An effector recognition unit conjugate according to claim 9, ~~Effector conjugate according to claim 1~~, wherein the effector element is selected from the group that consists of:

(4S,7R,8S,9S,13Z,16S(E)) 4,8-Dihydroxy-5,5,7,9,13-pentamethyl-16-[1-methyl-2-(2-methyl-thiazol-4-yl)-vinyl]-oxacyclohexadec-13-ene-2,6-dione;

(4S,7R,8S,9S,13Z,16S(E)) 4,8-Dihydroxy-16-[2-(2-hydroxymethyl-thiazol-4-yl)-1-methyl-vinyl]-5,5,7,9,13-pentamethyl-oxacyclohexadec-13-ene-2,6-dione;

(4S,7R,8S,9S,13Z,16S(E)) 16-[2-(2-Aminomethyl-thiazol-4-yl)-1-methyl-vinyl]-4,8-dihydroxy-5,5,7,9,13-pentamethyl-oxacyclohexadec-13-ene-2,6-dione;

(1S,3S(E),7S,10R,11S,12S,16R) 7,11-Dihydroxy-8,8,10,12,16-pentamethyl-3-[1-methyl-2-(2-methyl-thiazol-4-yl)-vinyl]-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;

(1S,3S(E),7S,10R,11S,12S,16R) 7,11-Dihydroxy-3-[2-(2-hydroxymethyl-thiazol-4-yl)-1-methyl-vinyl]-8,8,10,12,16-pentamethyl-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;

(1S,3S(E),7S,10R,11S,12S,16R) 3-[2-(2-Aminomethyl-thiazol-4-yl)-1-methyl-vinyl]-7,11-dihydroxy-8,8,10,12,16-pentamethyl-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;

(4S,7R,8S,9S,13Z,16S(E)) 4,8-Dihydroxy-7-ethyl-5,5,9,13-tetramethyl-16-[1-methyl-2-(2-methyl-thiazol-4-yl)-vinyl]-oxacyclohexadec-13-ene-2,6-dione;

(4S,7R,8S,9S,13Z,16S(E)) 4,8-Dihydroxy-16-[2-(2-hydroxymethyl-thiazol-4-yl)-1-

~~methyl vinyl]-7-ethyl-5,5,9,13-tetramethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S(E))-16-[2-(2-Aminomethyl-thiazol-4-yl)-1-methyl-vinyl]-4,8-~~

~~dihydroxy-7-ethyl-5,5,9,13-tetramethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S(E),7S,10R,11S,12S,16R)-7,11-Dihydroxy-10-ethyl-8,8,12,16-tetramethyl-3-[1-~~

~~methyl-2-(2-methyl-thiazol-4-yl)-vinyl]-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S(E),7S,10R,11S,12S,16R)-7,11-Dihydroxy-3-[2-(2-hydroxymethyl-thiazol-4-yl)-1-~~

~~methyl-vinyl]-10-ethyl-8,8,12,16-tetramethyl-4,17-dioxo-bicyclo[14.1.0]hepta-decane-5,9-dione;~~

~~(1S,3S(E),7S,10R,11S,12S,16R)-3-[2-(2-Aminomethyl-thiazol-4-yl)-1-methyl-vinyl]-~~

~~7,11-dihydroxy-10-ethyl-8,8,12,16-tetramethyl-4,17-dioxo-bicyclo[14.1.0]hepta-decane-5,9-~~  
~~dione;~~

~~(4S,7R,8S,9S,13Z,16S(Z))-4,8-Dihydroxy-5,5,7,9,13-pentamethyl-16-[1-fluoro-2-(2-~~

~~methyl-thiazol-4-yl)-vinyl]-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S(Z))-4,8-Dihydroxy-16-[2-(2-hydroxymethyl-thiazol-4-yl)-1-~~

~~fluoro-vinyl]-5,5,7,9,13-pentamethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S(Z))-16-[2-(2-Aminomethyl-thiazol-4-yl)-1-fluoro-vinyl]-4,8-~~

~~dihydroxy-5,5,7,9,13-pentamethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S(Z),7S,10R,11S,12S,16R)-7,11-Dihydroxy-8,8,10,12,16-pentamethyl-3-[1-fluoro-~~

~~2-(2-methyl-thiazol-4-yl)-vinyl]-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S(Z),7S,10R,11S,12S,16R)-7,11-Dihydroxy-3-[2-(2-hydroxymethyl-thiazol-4-yl)-1-~~

~~fluoro-vinyl]-8,8,10,12,16-pentamethyl-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S(Z),7S,10R,11S,12S,16R)-3-[2-(2-Aminomethyl-thiazol-4-yl)-1-fluoro-vinyl]-~~

~~7,11-dihydroxy-8,8,10,12,16-pentamethyl-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(4S,7R,8S,9S,13Z,16S(Z))-4,8-Dihydroxy-5,5,7,9,13-pentamethyl-16-[1-chloro-2-(2-~~

~~methyl thiazol-4-yl)-vinyl]-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S(Z)) 4,8-Dihydroxy-16-[2-(2-hydroxymethyl-thiazol-4-yl)-1-chloro-vinyl]-5,5,7,9,13-pentamethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S(Z)) 16-[2-(2-Aminomethyl-thiazol-4-yl)-1-chloro-vinyl]-4,8-dihydroxy-5,5,7,9,13-pentamethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S(Z),7S,10R,11S,12S,16R) 7,11-Dihydroxy-8,8,10,12,16-pentamethyl-3-[1-chloro-2-(2-methyl-thiazol-4-yl)-vinyl]-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S(Z),7S,10R,11S,12S,16R) 7,11-Dihydroxy-3-[2-(2-hydroxymethyl-thiazol-4-yl)-1-chloro-vinyl]-8,8,10,12,16-pentamethyl-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S(Z),7S,10R,11S,12S,16R) 3-[2-(2-Aminomethyl-thiazol-4-yl)-1-chloro-vinyl]-7,11-dihydroxy-8,8,10,12,16-pentamethyl-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(4S,7R,8S,9S,13Z,16S(Z)) 4,8-Dihydroxy-7-ethyl-5,5,9,13-tetramethyl-16-[1-fluoro-2-(2-methyl-thiazol-4-yl)-vinyl]-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S(Z)) 4,8-Dihydroxy-16-[2-(2-hydroxymethyl-thiazol-4-yl)-1-fluoro-vinyl]-7-ethyl-5,5,9,13-tetramethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S(Z)) 16-[2-(2-Aminomethyl-thiazol-4-yl)-1-fluoro-vinyl]-4,8-dihydroxy-7-ethyl-5,5,9,13-tetramethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S(Z),7S,10R,11S,12S,16R) 7,11-Dihydroxy-10-ethyl-8,8,12,16-tetramethyl-3-[1-fluoro-2-(2-methyl-thiazol-4-yl)-vinyl]-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S(Z),7S,10R,11S,12S,16R) 7,11-Dihydroxy-3-[2-(2-hydroxymethyl-thiazol-4-yl)-1-fluoro-vinyl]-10-ethyl-8,8,12,16-tetramethyl-4,17-dioxo-bicyclo[14.1.0]hepta-decane-5,9-dione;~~

~~(1S,3S(Z),7S,10R,11S,12S,16R) 3-[2-(2-Aminomethyl-thiazol-4-yl)-1-fluoro-vinyl]-7,11-dihydroxy-10-ethyl-8,8,12,16-tetramethyl-4,17-dioxo-bicyclo[14.1.0]hepta-decane-5,9-~~

dione;

~~(4S,7R,8S,9S,13Z,16S(Z)) 4,8-Dihydroxy-7-ethyl-5,5,9,13-tetramethyl-16-[1-chloro-2-(2-methyl-thiazol-4-yl)-vinyl]-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S(Z)) 4,8-Dihydroxy-16-[2-(2-hydroxymethyl-thiazol-4-yl)-1-chloro-vinyl]-7-ethyl-5,5,9,13-tetramethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S(Z)) 16-[2-(2-Aminomethyl-thiazol-4-yl)-1-chloro-vinyl]-4,8-dihydroxy-7-ethyl-5,5,9,13-tetramethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S(Z),7S,10R,11S,12S,16R) 7,11-Dihydroxy-10-ethyl-8,8,12,16-tetramethyl-3-[1-chloro-2-(2-methyl-thiazol-4-yl)-vinyl]-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S(Z),7S,10R,11S,12S,16R) 7,11-Dihydroxy-3-[2-(2-hydroxymethyl-thiazol-4-yl)-1-chloro-vinyl]-10-ethyl-8,8,12,16-tetramethyl-4,17-dioxo-bicyclo[14.1.0]hepta-decane-5,9-dione;~~

~~(1S,3S(Z),7S,10R,11S,12S,16R) 3-[2-(2-Aminomethyl-thiazol-4-yl)-1-chloro-vinyl]-7,11-dihydroxy-10-ethyl-8,8,12,16-tetramethyl-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(4S,7R,8S,9S,13Z,16S(E)) 4,8-Dihydroxy-5,5,7,9,13-pentamethyl-16-[1-methyl-2-(2-pyridyl)-vinyl]-oxacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S(E),7S,10R,11S,12S,16R) 7,11-Dihydroxy-8,8,10,12,16-pentamethyl-3-[1-methyl-2-(2-pyridyl)-vinyl]-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(4S,7R,8S,9S,13Z,16S(E)) 4,8-Dihydroxy-7-ethyl-5,5,9,13-tetramethyl-16-[1-methyl-2-(2-pyridyl)-vinyl]-oxacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S(E),7S,10R,11S,12S,16R) 7,11-Dihydroxy-10-ethyl-8,8,12,16-tetramethyl-3-[1-methyl-2-(2-pyridyl)-vinyl]-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(4S,7R,8S,9S,13Z,16S(Z)) 4,8-Dihydroxy-5,5,7,9,13-pentamethyl-16-[1-fluoro-2-(2-~~

~~pyridyl)-vinyl]-oxacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S(Z),7S,10R,11S,12S,16R)-7,11-Dihydroxy-8,8,10,12,16-pentamethyl-3-[1-fluoro-2-(2-pyridyl)-vinyl]-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(4S,7R,8S,9S,13Z,16S(Z))-4,8-Dihydroxy-5,5,7,9,13-pentamethyl-16-[1-chloro-2-(2-pyridyl)-vinyl]-oxacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S(Z),7S,10R,11S,12S,16R)-7,11-Dihydroxy-8,8,10,12,16-pentamethyl-3-[1-chloro-2-(2-pyridyl)-vinyl]-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(4S,7R,8S,9S,13Z,16S(Z))-4,8-Dihydroxy-7-ethyl-5,5,9,13-tetramethyl-16-[1-fluoro-2-(2-pyridyl)-vinyl]-oxacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S(Z),7S,10R,11S,12S,16R)-7,11-Dihydroxy-10-ethyl-8,8,12,16-tetramethyl-3-[1-fluoro-2-(2-pyridyl)-vinyl]-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(4S,7R,8S,9S,13Z,16S(Z))-4,8-Dihydroxy-7-ethyl-5,5,9,13-tetramethyl-16-[1-chloro-2-(2-pyridyl)-vinyl]-oxacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S(Z),7S,10R,11S,12S,16R)-7,11-Dihydroxy-10-ethyl-8,8,12,16-tetramethyl-3-[1-chloro-2-(2-pyridyl)-vinyl]-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(4S,7R,8S,9S,13Z,16S(E))-4,8-Dihydroxy-5,5,7,9,13-pentamethyl-16-[1-methyl-2-(2-methyl-oxazol-4-yl)-vinyl]-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S(E))-4,8-Dihydroxy-16-[2-(2-hydroxymethyl-oxazol-4-yl)-1-methyl-vinyl]-5,5,7,9,13-pentamethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S(E))-16-[2-(2-Aminomethyl-oxazol-4-yl)-1-methyl-vinyl]-4,8-dihydroxy-5,5,7,9,13-pentamethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S(E),7S,10R,11S,12S,16R)-7,11-Dihydroxy-8,8,10,12,16-pentamethyl-3-[1-methyl-2-(2-methyl-oxazol-4-yl)-vinyl]-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S(E),7S,10R,11S,12S,16R) 7,11-Dihydroxy-3-[2-(2-hydroxymethyl-oxazol-4-yl)-1-methyl-vinyl]-8,8,10,12,16-pentamethyl-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S(E),7S,10R,11S,12S,16R) 3-[2-(2-Aminomethyl-oxazol-4-yl)-1-methyl-vinyl]-7,11-dihydroxy-8,8,10,12,16-pentamethyl-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(4S,7R,8S,9S,13Z,16S(E)) 4,8-Dihydroxy-7-ethyl-5,5,9,13-tetramethyl-16-[1-methyl-2-(2-methyl-oxazol-4-yl)-vinyl]-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S(E)) 4,8-Dihydroxy-16-[2-(2-hydroxymethyl-oxazol-4-yl)-1-methyl-vinyl]-7-ethyl-5,5,9,13-tetramethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S(E)) 16-[2-(2-Aminomethyl-oxazol-4-yl)-1-methyl-vinyl]-4,8-dihydroxy-7-ethyl-5,5,9,13-tetramethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S(E),7S,10R,11S,12S,16R) 7,11-Dihydroxy-10-ethyl-8,8,12,16-tetramethyl-3-[1-methyl-2-(2-methyl-oxazol-4-yl)-vinyl]-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S(E),7S,10R,11S,12S,16R) 7,11-Dihydroxy-3-[2-(2-hydroxymethyl-oxazol-4-yl)-1-methyl-vinyl]-10-ethyl-8,8,12,16-tetramethyl-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S(E),7S,10R,11S,12S,16R) 3-[2-(2-Aminomethyl-oxazol-4-yl)-1-methyl-vinyl]-7,11-dihydroxy-10-ethyl-8,8,12,16-tetramethyl-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(4S,7R,8S,9S,13Z,16S(Z)) 4,8-Dihydroxy-5,5,7,9,13-pentamethyl-16-[1-fluoro-2-(2-methyl-oxazol-4-yl)-vinyl]-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S(Z)) 4,8-Dihydroxy-16-[2-(2-hydroxymethyl-oxazol-4-yl)-1-fluoro-vinyl]-5,5,7,9,13-pentamethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S(Z)) 16-[2-(2-Aminomethyl-oxazol-4-yl)-1-fluoro-vinyl]-4,8-dihydroxy-5,5,7,9,13-pentamethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S(Z),7S,10R,11S,12S,16R)-7,11-Dihydroxy-8,8,10,12,16-pentamethyl-3-[1-fluoro-2-(2-methyl-oxazol-4-yl)-vinyl]-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S(Z),7S,10R,11S,12S,16R)-7,11-Dihydroxy-3-[2-(2-hydroxymethyl-oxazol-4-yl)-1-fluoro-vinyl]-8,8,10,12,16-pentamethyl-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S(Z),7S,10R,11S,12S,16R)-3-[2-(2-Aminomethyl-oxazol-4-yl)-1-fluoro-vinyl]-7,11-dihydroxy-8,8,10,12,16-pentamethyl-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(4S,7R,8S,9S,13Z,16S(Z))-4,8-Dihydroxy-5,5,7,9,13-pentamethyl-16-[1-chloro-2-(2-methyl-oxazol-4-yl)-vinyl]-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S(Z))-4,8-Dihydroxy-16-[2-(2-hydroxymethyl-oxazol-4-yl)-1-chloro-vinyl]-5,5,7,9,13-pentamethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S(Z))-16-[2-(2-Aminomethyl-oxazol-4-yl)-1-chloro-vinyl]-4,8-dihydroxy-5,5,7,9,13-pentamethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S(Z),7S,10R,11S,12S,16R)-7,11-Dihydroxy-8,8,10,12,16-pentamethyl-3-[1-chloro-2-(2-methyl-oxazol-4-yl)-vinyl]-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S(Z),7S,10R,11S,12S,16R)-7,11-Dihydroxy-3-[2-(2-hydroxymethyl-oxazol-4-yl)-1-chloro-vinyl]-8,8,10,12,16-pentamethyl-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S(Z),7S,10R,11S,12S,16R)-3-[2-(2-Aminomethyl-oxazol-4-yl)-1-chloro-vinyl]-7,11-dihydroxy-8,8,10,12,16-pentamethyl-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(4S,7R,8S,9S,13Z,16S(Z))-4,8-Dihydroxy-7-ethyl-5,5,9,13-tetramethyl-16-[1-fluoro-2-(2-methyl-oxazol-4-yl)-vinyl]-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S(Z))-4,8-Dihydroxy-16-[2-(2-hydroxymethyl-oxazol-4-yl)-1-fluoro-vinyl]-7-ethyl-5,5,9,13-tetramethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S(Z))-16-[2-(2-Aminomethyl-oxazol-4-yl)-1-fluoro-vinyl]-4,8-~~

~~dihydroxy-7-ethyl-5,5,9,13-tetramethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S(Z),7S,10R,11S,12S,16R)-7,11-Dihydroxy-10-ethyl-8,8,12,16-tetramethyl-3-[1-fluoro-2-(2-methyl-oxazol-4-yl)-vinyl]-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S(Z),7S,10R,11S,12S,16R)-7,11-Dihydroxy-3-[2-(2-hydroxymethyl-oxazol-4-yl)-1-fluoro-vinyl]-10-ethyl-8,8,12,16-tetramethyl-4,17-dioxabicyclo[14.1.0]hepta-decane-5,9-dione;~~

~~(1S,3S(Z),7S,10R,11S,12S,16R)-3-[2-(2-Aminomethyl-oxazol-4-yl)-1-fluoro-vinyl]-7,11-dihydroxy-10-ethyl-8,8,12,16-tetramethyl-4,17-dioxabicyclo[14.1.0]hepta-decane-5,9-dione;~~

~~(4S,7R,8S,9S,13Z,16S(Z))-4,8-Dihydroxy-7-ethyl-5,5,9,13-tetramethyl-16-[1-chloro-2-(2-methyl-oxazol-4-yl)-vinyl]-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S(Z))-4,8-Dihydroxy-16-[2-(2-hydroxymethyl-oxazol-4-yl)-1-chloro-vinyl]-7-ethyl-5,5,9,13-tetramethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S(Z))-16-[2-(2-Aminomethyl-oxazol-4-yl)-1-chloro-vinyl]-4,8-dihydroxy-7-ethyl-5,5,9,13-tetramethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S(Z),7S,10R,11S,12S,16R)-7,11-Dihydroxy-10-ethyl-8,8,12,16-tetramethyl-3-[1-chloro-2-(2-methyl-oxazol-4-yl)-vinyl]-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S(Z),7S,10R,11S,12S,16R)-7,11-Dihydroxy-3-[2-(2-hydroxymethyl-oxazol-4-yl)-1-chloro-vinyl]-10-ethyl-8,8,12,16-tetramethyl-4,17-dioxabicyclo[14.1.0]hepta-decane-5,9-dione;~~

~~(1S,3S(Z),7S,10R,11S,12S,16R)-3-[2-(2-Aminomethyl-oxazol-4-yl)-1-chloro-vinyl]-7,11-dihydroxy-10-ethyl-8,8,12,16-tetramethyl-4,17-dioxabicyclo[14.1.0]hepta-decane-5,9-dione;~~

~~(4S,7R,8S,9S,13Z,16S(E))-4,8-Dihydroxy-5,5,7,9,13-pentamethyl-16-[2-(2-methyl-thiazol-4-yl)-vinyl]-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S(E))-4,8-Dihydroxy-16-[2-(2-hydroxymethyl-thiazol-4-yl)-vinyl]-~~



~~5,5,7,9,13-pentamethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S(E)) 16-[2-(2-Aminomethyl-thiazol-4-yl)-vinyl]-4,8-dihydroxy-~~

~~5,5,7,9,13-pentamethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S(E),7S,10R,11S,12S,16R) 7,11-Dihydroxy-8,8,10,12,16-pentamethyl-3-[2-(2-~~

~~methyl-thiazol-4-yl)-vinyl]-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S(E),7S,10R,11S,12S,16R) 7,11-Dihydroxy-3-[2-(2-hydroxymethyl-thiazol-4-yl)-~~

~~vinyl]-8,8,10,12,16-pentamethyl-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S(E),7S,10R,11S,12S,16R) 3-[2-(2-Aminomethyl-thiazol-4-yl)-vinyl]-7,11-~~

~~dihydroxy-8,8,10,12,16-pentamethyl-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(4S,7R,8S,9S,13Z,16S(E)) 4,8-Dihydroxy-7-ethyl-5,5,9,13-tetramethyl-16-[2-(2-methyl-~~

~~thiazol-4-yl)-vinyl]-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S(E)) 4,8-Dihydroxy-16-[2-(2-hydroxymethyl-thiazol-4-yl)-vinyl]-~~

~~7-ethyl-5,5,9,13-tetramethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S(E)) 16-[2-(2-Aminomethyl-thiazol-4-yl)-vinyl]-4,8-dihydroxy-7-~~

~~ethyl-5,5,9,13-tetramethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S(E),7S,10R,11S,12S,16R) 7,11-Dihydroxy-10-ethyl-8,8,12,16-tetramethyl-3-[2-(2-~~

~~methyl-thiazol-4-yl)-vinyl]-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S(E),7S,10R,11S,12S,16R) 7,11-Dihydroxy-3-[2-(2-hydroxymethyl-thiazol-4-yl)-~~

~~vinyl]-10-ethyl-8,8,12,16-tetramethyl-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S(E),7S,10R,11S,12S,16R) 3-[2-(2-Aminomethyl-thiazol-4-yl)-vinyl]-7,11-~~

~~dihydroxy-10-ethyl-8,8,12,16-tetramethyl-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(4S,7R,8S,9S,13Z,16S(E)) 4,8-Dihydroxy-5,5,7,9,13-pentamethyl-16-[2-(2-pyridyl)-~~

~~vinyl]-oxacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S(E),7S,10R,11S,12S,16R)-7,11-Dihydroxy-8,8,10,12,16-pentamethyl-3-[2-(2-pyridyl)-vinyl]-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(4S,7R,8S,9S,13Z,16S(E))-4,8-Dihydroxy-7-ethyl-5,5,9,13-tetramethyl-16-[2-(2-pyridyl)-vinyl]-oxacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S(E),7S,10R,11S,12S,16R)-7,11-Dihydroxy-10-ethyl-8,8,12,16-tetramethyl-3-[2-(2-pyridyl)-vinyl]-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(4S,7R,8S,9S,13Z,16S)-4,8-Dihydroxy-5,5,7,9,13-pentamethyl-16-(2-methylbenzothiazol-5-yl)-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S)-4,8-Dihydroxy-16-(2-hydroxymethyl-benzothiazol-5-yl)-5,5,7,9,13-pentamethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S)-16-(2-Aminomethyl-benzothiazol-5-yl)-4,8-dihydroxy-5,5,7,9,13-pentamethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-7,11-Dihydroxy-8,8,10,12,16-pentamethyl-3-(2-methylbenzothiazol-5-yl)-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-7,11-Dihydroxy-3-(2-hydroxymethyl-benzothiazol-5-yl)-8,8,10,12,16-pentamethyl-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-3-(2-Aminomethyl-benzothiazol-5-yl)-7,11-dihydroxy-8,8,10,12,16-pentamethyl-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(4S,7R,8S,9S,13Z,16S)-4,8-Dihydroxy-7-ethyl-5,5,9,13-tetramethyl-16-(2-methylbenzothiazol-5-yl)-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S)-4,8-Dihydroxy-16-(2-hydroxymethyl-benzothiazol-5-yl)-7-ethyl-5,5,9,13-tetramethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S)-16-(2-Aminomethyl-benzothiazol-5-yl)-4,8-dihydroxy-7-ethyl-~~

~~5,5,9,13-tetramethyl-oxaacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-7,11-Dihydroxy-10-ethyl-8,8,12,16-tetramethyl-3-(2-methyl-benzothiazol-5-yl)-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-7,11-Dihydroxy-3-(2-hydroxymethyl-benzothiazol-5-yl)-10-ethyl-8,8,12,16-tetramethyl-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-3-(2-Aminomethyl-benzothiazol-5-yl)-7,11-dihydroxy-10-ethyl-8,8,12,16-tetramethyl-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(4S,7R,8S,9S,13Z,16S)-4,8-Dihydroxy-7-propyl-5,5,9,13-tetramethyl-16-(2-methyl-benzothiazol-5-yl)-oxaacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S)-4,8-Dihydroxy-16-(2-hydroxymethyl-benzothiazol-5-yl)-7-propyl-5,5,9,13-tetramethyl-oxaacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S)-16-(2-Aminomethyl-benzothiazol-5-yl)-4,8-dihydroxy-7-propyl-5,5,9,13-tetramethyl-oxaacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-7,11-Dihydroxy-10-propyl-8,8,12,16-tetramethyl-3-(2-methyl-benzothiazol-5-yl)-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-7,11-Dihydroxy-3-(2-hydroxymethyl-benzothiazol-5-yl)-10-propyl-8,8,12,16-tetramethyl-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-3-(2-Aminomethyl-benzothiazol-5-yl)-7,11-dihydroxy-10-propyl-8,8,12,16-tetramethyl-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(4S,7R,8S,9S,13Z,16S)-4,8-Dihydroxy-7-butyl-5,5,9,13-tetramethyl-16-(2-methyl-benzothiazol-5-yl)-oxaacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S)-4,8-Dihydroxy-16-(2-hydroxymethyl-benzothiazol-5-yl)-7-butyl-5,5,9,13-tetramethyl-oxaacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S)-16-(2-Aminomethyl-benzothiazol-5-yl)-4,8-dihydroxy-7-butyl-5,5,9,13-tetramethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-7,11-Dihydroxy-10-butyl-8,8,12,16-tetramethyl-3-(2-methyl-benzothiazol-5-yl)-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-7,11-Dihydroxy-3-(2-hydroxymethyl-benzothiazol-5-yl)-10-butyl-8,8,12,16-tetramethyl-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-3-(2-Aminomethyl-benzothiazol-5-yl)-7,11-dihydroxy-10-butyl-8,8,12,16-tetramethyl-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(4S,7R,8S,9S,13Z,16S)-4,8-Dihydroxy-7-allyl-5,5,9,13-tetramethyl-16-(2-methyl-benzothiazol-5-yl)-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S)-4,8-Dihydroxy-16-(2-hydroxymethyl-benzothiazol-5-yl)-7-allyl-5,5,9,13-tetramethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S)-16-(2-Aminomethyl-benzothiazol-5-yl)-4,8-dihydroxy-7-allyl-5,5,9,13-tetramethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-7,11-Dihydroxy-10-allyl-8,8,12,16-tetramethyl-3-(2-methyl-benzothiazol-5-yl)-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-7,11-Dihydroxy-3-(2-hydroxymethyl-benzothiazol-5-yl)-10-allyl-8,8,12,16-tetramethyl-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-3-(2-Aminomethyl-benzothiazol-5-yl)-7,11-dihydroxy-10-allyl-8,8,12,16-tetramethyl-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(4S,7R,8S,9S,13Z,16S)-4,8-Dihydroxy-7-prop-2-ynyl-5,5,9,13-tetramethyl-16-(2-methyl-benzothiazol-5-yl)-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S)-4,8-Dihydroxy-16-(2-hydroxymethyl-benzothiazol-5-yl)-7-prop-~~

~~2-ynyl-5,5,9,13-tetramethyl-oxaacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S)-16-(2-Aminomethyl-benzothiazol-5-yl)-4,8-dihydroxy-7-prop-2-ynyl-5,5,9,13-tetramethyl-oxaacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-7,11-Dihydroxy-10-prop-2-ynyl-8,8,12,16-tetramethyl-3-(2-methyl-benzothiazol-5-yl)-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-7,11-Dihydroxy-3-(2-hydroxymethyl-benzothiazol-5-yl)-10-prop-2-ynyl-8,8,12,16-tetramethyl-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-3-(2-Aminomethyl-benzothiazol-5-yl)-7,11-dihydroxy-10-prop-2-ynyl-8,8,12,16-tetramethyl-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(4S,7R,8S,9S,13Z,16S)-4,8-Dihydroxy-7-but-3-enyl-5,5,9,13-tetramethyl-16-(2-methyl-benzothiazol-5-yl)-oxaacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S)-4,8-Dihydroxy-16-(2-hydroxymethyl-benzothiazol-5-yl)-7-but-3-enyl-5,5,9,13-tetramethyl-oxaacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S)-16-(2-Aminomethyl-benzothiazol-5-yl)-4,8-dihydroxy-7-but-3-enyl-5,5,9,13-tetramethyl-oxaacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-7,11-Dihydroxy-10-but-3-enyl-8,8,12,16-tetramethyl-3-(2-methyl-benzothiazol-5-yl)-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-7,11-Dihydroxy-3-(2-hydroxymethyl-benzothiazol-5-yl)-10-but-3-enyl-8,8,12,16-tetramethyl-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-3-(2-Aminomethyl-benzothiazol-5-yl)-7,11-dihydroxy-10-but-3-enyl-8,8,12,16-tetramethyl-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(4S,7R,8S,9S,13Z,16S)-4,8-Dihydroxy-7-but-3-ynyl-5,5,9,13-tetramethyl-16-(2-methyl-benzothiazol-5-yl)-oxaacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S) 4,8-Dihydroxy-16-(2-hydroxymethyl-benzothiazol-5-yl)-7-but-3-  
inyl-5,5,9,13-tetramethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S) 16-(2-Aminomethyl-benzothiazol-5-yl)-4,8-dihydroxy-7-but-3-  
inyl-5,5,9,13-tetramethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R) 7,11-Dihydroxy-10-but-3-inyl-8,8,12,16-tetramethyl-3-(2-  
methyl-benzothiazol-5-yl)-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R) 7,11-Dihydroxy-3-(2-hydroxymethyl-benzothiazol-5-yl)-  
10-but-3-inyl-8,8,12,16-tetramethyl-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R) 3-(2-Aminomethyl-benzothiazol-5-yl)-7,11-dihydroxy-10-  
but-3-inyl-8,8,12,16-tetramethyl-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(4S,7R,8S,9S,13Z,16S) 4,8-Dihydroxy-5,5,7,9,13-pentamethyl-16-(2-methyl-benzoxazol-  
5-yl)-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S) 4,8-Dihydroxy-16-(2-hydroxymethyl-benzoxazol-5-yl)-  
5,5,7,9,13-pentamethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S) 16-(2-Aminomethyl-benzoxazol-5-yl)-4,8-dihydroxy-5,5,7,9,13-  
pentamethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R) 7,11-Dihydroxy-8,8,10,12,16-pentamethyl-3-(2-methyl-  
benzoxazol-5-yl)-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R) 7,11-Dihydroxy-3-(2-hydroxymethyl-benzoxazol-5-yl)-  
8,8,10,12,16-pentamethyl-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R) 3-(2-Aminomethyl-benzoxazol-5-yl)-7,11-dihydroxy-  
8,8,10,12,16-pentamethyl-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(4S,7R,8S,9S,13Z,16S) 4,8-Dihydroxy-7-ethyl-5,5,9,13-tetramethyl-16-(2-methyl-~~

~~benzoxazol-5-yl)-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S)-4,8-Dihydroxy-16-(2-hydroxymethyl-benzoxazol-5-yl)-7-ethyl-5,5,9,13-tetramethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S)-16-(2-Aminomethyl-benzoxazol-5-yl)-4,8-dihydroxy-7-ethyl-5,5,9,13-tetramethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-7,11-Dihydroxy-10-ethyl-8,8,12,16-tetramethyl-3-(2-methyl-benzoxazol-5-yl)-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-7,11-Dihydroxy-3-(2-hydroxymethyl-benzoxazol-5-yl)-10-ethyl-8,8,12,16-tetramethyl-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-3-(2-Aminomethyl-benzoxazol-5-yl)-7,11-dihydroxy-10-ethyl-8,8,12,16-tetramethyl-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(4S,7R,8S,9S,13Z,16S)-4,8-Dihydroxy-7-propyl-5,5,9,13-tetramethyl-16-(2-methyl-benzoxazol-5-yl)-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S)-4,8-Dihydroxy-16-(2-hydroxymethyl-benzoxazol-5-yl)-7-propyl-5,5,9,13-tetramethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S)-16-(2-Aminomethyl-benzoxazol-5-yl)-4,8-dihydroxy-7-propyl-5,5,9,13-tetramethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-7,11-Dihydroxy-10-propyl-8,8,12,16-tetramethyl-3-(2-methyl-benzoxazol-5-yl)-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-7,11-Dihydroxy-3-(2-hydroxymethyl-benzoxazol-5-yl)-10-propyl-8,8,12,16-tetramethyl-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-3-(2-Aminomethyl-benzoxazol-5-yl)-7,11-dihydroxy-10-propyl-8,8,12,16-tetramethyl-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(4S,7R,8S,9S,13Z,16S)-4,8-Dihydroxy-7-butyl-5,5,9,13-tetramethyl-16-(2-methyl-benzoxazol-5-yl)-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S)-4,8-Dihydroxy-16-(2-hydroxymethyl-benzoxazol-5-yl)-7-butyl-5,5,9,13-tetramethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S)-16-(2-Aminomethyl-benzoxazol-5-yl)-4,8-dihydroxy-7-butyl-5,5,9,13-tetramethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-7,11-Dihydroxy-10-butyl-8,8,12,16-tetramethyl-3-(2-methyl-benzoxazol-5-yl)-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-7,11-Dihydroxy-3-(2-hydroxymethyl-benzoxazol-5-yl)-10-butyl-8,8,12,16-tetramethyl-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-3-(2-Aminomethyl-benzoxazol-5-yl)-7,11-dihydroxy-10-butyl-8,8,12,16-tetramethyl-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(4S,7R,8S,9S,13Z,16S)-4,8-Dihydroxy-7-allyl-5,5,9,13-tetramethyl-16-(2-methyl-benzoxazol-5-yl)-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S)-4,8-Dihydroxy-16-(2-hydroxymethyl-benzoxazol-5-yl)-7-allyl-5,5,9,13-tetramethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S)-16-(2-Aminomethyl-benzoxazol-5-yl)-4,8-dihydroxy-7-allyl-5,5,9,13-tetramethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-7,11-Dihydroxy-10-allyl-8,8,12,16-tetramethyl-3-(2-methyl-benzoxazol-5-yl)-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-7,11-Dihydroxy-3-(2-hydroxymethyl-benzoxazol-5-yl)-10-allyl-8,8,12,16-tetramethyl-4,17-dioxo-bicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-3-(2-Aminomethyl-benzoxazol-5-yl)-7,11-dihydroxy-10-~~



allyl-8,8,12,16-tetramethyl-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;

~~(4S,7R,8S,9S,13Z,16S) 4,8-Dihydroxy-7-prop-2-ynyl-5,5,9,13-tetramethyl-16-(2-methylbenzoxazol-5-yl)-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S) 4,8-Dihydroxy-16-(2-hydroxymethylbenzoxazol-5-yl)-7-prop-2-ynyl-5,5,9,13-tetramethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S) 16-(2-Aminomethylbenzoxazol-5-yl)-4,8-dihydroxy-7-prop-2-ynyl-5,5,9,13-tetramethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R) 7,11-Dihydroxy-10-prop-2-ynyl-8,8,12,16-tetramethyl-3-(2-methylbenzoxazol-5-yl)-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R) 7,11-Dihydroxy-3-(2-hydroxymethylbenzoxazol-5-yl)-10-prop-2-ynyl-8,8,12,16-tetramethyl-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R) 3-(2-Aminomethylbenzoxazol-5-yl)-7,11-dihydroxy-10-prop-2-ynyl-8,8,12,16-tetramethyl-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(4S,7R,8S,9S,13Z,16S) 4,8-Dihydroxy-7-but-3-enyl-5,5,9,13-tetramethyl-16-(2-methylbenzoxazol-5-yl)-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S) 4,8-Dihydroxy-16-(2-hydroxymethylbenzoxazol-5-yl)-7-but-3-enyl-5,5,9,13-tetramethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S) 16-(2-Aminomethylbenzoxazol-5-yl)-4,8-dihydroxy-7-but-3-enyl-5,5,9,13-tetramethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R) 7,11-Dihydroxy-10-but-3-enyl-8,8,12,16-tetramethyl-3-(2-methylbenzoxazol-5-yl)-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R) 7,11-Dihydroxy-3-(2-hydroxymethylbenzoxazol-5-yl)-10-but-3-enyl-8,8,12,16-tetramethyl-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-3-(2-Aminomethyl-benzoxazol-5-yl)-7,11-dihydroxy-10-but-3-enyl-8,8,12,16-tetramethyl-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(4S,7R,8S,9S,13Z,16S)-4,8-Dihydroxy-7-but-3-ynyl-5,5,9,13-tetramethyl-16-(2-methyl-benzoxazol-5-yl)-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S)-4,8-Dihydroxy-16-(2-hydroxymethyl-benzoxazol-5-yl)-7-but-3-ynyl-5,5,9,13-tetramethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(4S,7R,8S,9S,13Z,16S)-16-(2-Aminomethyl-benzoxazol-5-yl)-4,8-dihydroxy-7-but-3-ynyl-5,5,9,13-tetramethyl-oxacyclohexadec-13-ene-2,6-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-7,11-Dihydroxy-10-but-3-ynyl-8,8,12,16-tetramethyl-3-(2-methyl-benzoxazol-5-yl)-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-7,11-Dihydroxy-3-(2-hydroxymethyl-benzoxazol-5-yl)-10-but-3-ynyl-8,8,12,16-tetramethyl-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

~~(1S,3S,7S,10R,11S,12S,16R)-3-(2-Aminomethyl-benzoxazol-5-yl)-7,11-dihydroxy-10-but-3-ynyl-8,8,12,16-tetramethyl-4,17-dioxabicyclo[14.1.0]heptadecane-5,9-dione;~~

wherein the hydrogen atoms in the above-mentioned effector elements are replaced in the positions indicated in formula (I) by radicals L<sup>1</sup>-L<sup>3</sup>.

4. (Withdrawn and Currently Amended) An effector recognition unit conjugate according to claim 9, Effector conjugate according to claim 1, wherein the linker is a compound of selected from the group that consists of the compounds of general formula (III), wherein

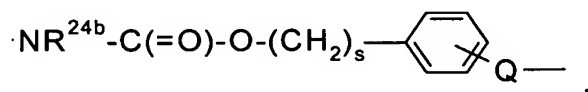
V represents a bond or an aryl radical,

o is zero, and

T is an oxygen atom.

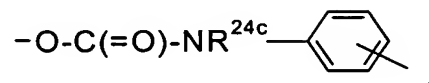
5. (Withdrawn and Currently Amended) An effector recognition unit conjugate according to claim 9, Effector-conjugate according to claim 1 wherein the linker is a compound of selected from the group that consists of the compounds of general formula (III), wherein

V represents a bond or an aryl radical or a group



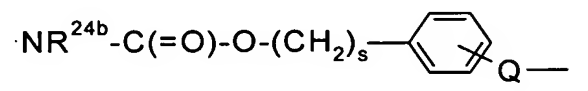
o is 0 to 4, and

Q is a bond or a group

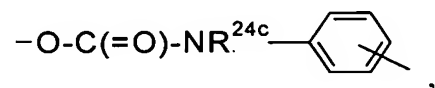


6. (Withdrawn and Currently Amended) An effector recognition unit conjugate  
~~Effector-conjugate~~ according to claim 5, wherein

V is a bond or a group



Q is a bond or a group



o is 0, 2 or 3,

s is 1, and

T is an oxygen atom.

7. (Withdrawn and Currently Amended) An effector recognition unit conjugate according to claim 9, Effector conjugate according to claim 1, wherein the linker is a compound of selected from the group that consists of compounds of general formula (IV), wherein

o is 0 to 4, and

q is 0 to 3.

8. (Withdrawn and Currently Amended) An effector recognition unit-Effector conjugate according to claim 7, wherein

o is 0, 2 or 3,

W<sup>1</sup> is oxygen,

q is 0,

R<sup>22</sup> is hydrogen, C<sub>1</sub>-C<sub>3</sub> alkyl or aralkyl,

R<sup>23</sup> is hydrogen or C<sub>1</sub>-C<sub>3</sub> alkyl,

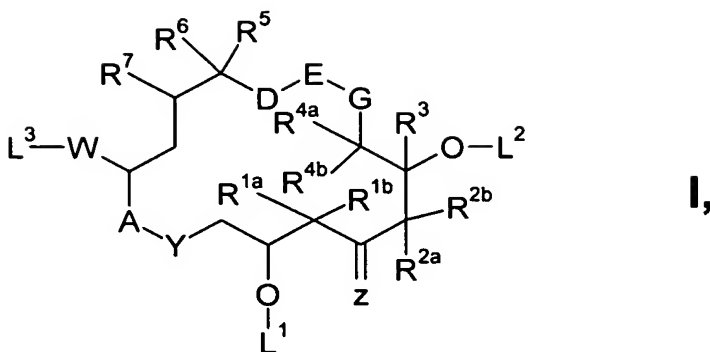
R<sup>24a</sup> is hydrogen or C<sub>1</sub>-C<sub>3</sub> alkyl,

R<sup>27</sup> is fluorine, chlorine, CN, NO<sub>2</sub>, CO<sub>2</sub>R<sup>28</sup> or OR<sup>28</sup>,

R<sup>28</sup> is hydrogen or C<sub>1</sub>-C<sub>5</sub> alkyl, and


U is oxygen, CHR<sup>22</sup>, or CHR<sup>22</sup>-NR<sup>23</sup>-C(=O)-.

9. (Currently Amended) An effector ~~Effector~~ recognition unit conjugate of ~~general~~ formula (I),



wherein ~~the substituents therein have the meanings that are mentioned in claim 1,~~

R<sup>1a</sup> and R<sup>1b</sup> are, independently of one another, hydrogen, C<sub>1</sub>-C<sub>10</sub> alkyl, aryl,  
aralkyl, or together a -(CH<sub>2</sub>)<sub>m</sub> group, in which m is 2 to 5,

one of R<sup>2a</sup> and R<sup>2b</sup> is ,  
and the other one

of R<sup>2a</sup> and R<sup>2b</sup> is hydrogen, C<sub>1</sub>-C<sub>10</sub> alkyl, aryl, aralkyl, or C<sub>2</sub>-C<sub>10</sub> alkenyl, or C<sub>2</sub>-C<sub>10</sub>  
alkynyl,

R<sup>3</sup> is hydrogen, C<sub>1</sub>-C<sub>10</sub> alkyl, aryl or aralkyl, and

R<sup>4a</sup> and R<sup>4b</sup> are, independently of one another, hydrogen, C<sub>1</sub>-C<sub>10</sub> alkyl, aryl,  
aralkyl, or together a -(CH<sub>2</sub>)<sub>p</sub> group, in which p is 2 to 5,

R<sup>5</sup> is hydrogen, C<sub>1</sub>-C<sub>10</sub> alkyl, aryl, aralkyl, CO<sub>2</sub>H, CO<sub>2</sub>alkyl, CH<sub>2</sub>OH,  
CH<sub>2</sub>Oalkyl, CH<sub>2</sub>Oacyl, CN, CH<sub>2</sub>NH<sub>2</sub>, CH<sub>2</sub>N(alkyl, acyl)<sub>1,2</sub>, or CH<sub>2</sub>Hal,

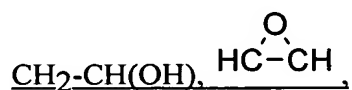
Hal is a halogen atom,

R<sup>6</sup> and R<sup>7</sup> are, in each case are hydrogen, or together an additional bond, or together  
an oxygen atom, or together an NH group, or together an N-alkyl group, or

together a CH<sub>2</sub> group.

G is an oxygen atom or CH<sub>2</sub>.

D-E is a group H<sub>2</sub>C-CH<sub>2</sub>, HC=CH, C≡C, CH(OH)-CH(OH), CH(OH)-CH<sub>2</sub>.



W is a group C(=X)R<sup>8</sup>, or a bicyclic or tricyclic aromatic or heteroaromatic radical,

L<sup>3</sup> is hydrogen, or, if a radical in W contains a hydroxyl group, forms a group O-L<sup>4</sup> with the latter, or, if a radical in W contains an amino group, forms a group NR<sup>25</sup>-L<sup>4</sup> with the latter,

R<sup>25</sup> is hydrogen or C<sub>1</sub>-C<sub>10</sub> alkyl,

X is an oxygen atom,

R<sup>8</sup> is hydrogen, C<sub>1</sub>-C<sub>10</sub> alkyl, aryl, aralkyl, halogen or CN, and

Z is oxygen or is an H and OR<sup>12</sup> group,

R<sup>12</sup> is hydrogen or a protective group PG<sup>Z</sup>,

A-Y is O-C(=O), O-CH<sub>2</sub>, CH<sub>2</sub>-C(=O), or NR<sup>21</sup>-C(=O),

R<sup>21</sup> is a hydrogen atom or C<sub>1</sub>-C<sub>10</sub> alkyl,

PG<sup>X</sup>, PG<sup>Y</sup>, and PG<sup>Z</sup> are a protective group PG, and

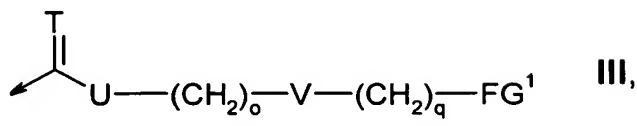
L<sup>1</sup>, L<sup>2</sup>, and L<sup>4</sup> are, independently of one another, hydrogen, a group

C(=O)Cl, a group C(=S)Cl, a group PG<sup>Y</sup> or a linker of formula

(III) or (IV); provided that at least one substituent L<sup>1</sup>, L<sup>2</sup> or L<sup>4</sup> represents a

linker of formula (III) or (IV):

the linker of formula (III) has the following structure,



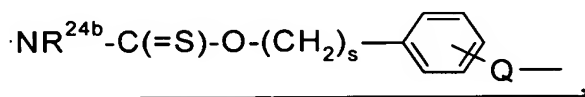
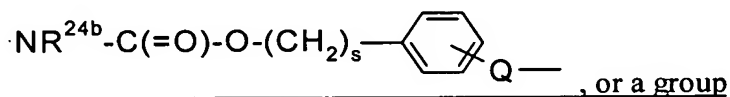
in which

T is oxygen or sulfur,

U is oxygen,  $\text{CHR}^{22}$ ,  $\text{CHR}^{22}\text{-NR}^{23}\text{-C(=O)-}$ ,  $\text{O-C(=O)-CHR}^{22}\text{-NR}^{23}\text{-C(=O)-}$ ,  $\text{O-C(=O)-CHR}^{22}\text{-NR}^{23}\text{-C(=S)-}$ ,  $\text{CHR}^{22}\text{-NR}^{23}\text{-C(=S)-}$  or  $\text{NR}^{24a}$ ,

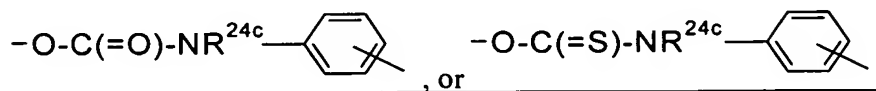
o is 0 to 15,

V is a bond, aryl, a group



s is 0 to 4,

Q is a bond,  $\text{O-C(=O)-NR}^{24c}$ ,  $\text{O-C(=S)-NR}^{24c}$ ,



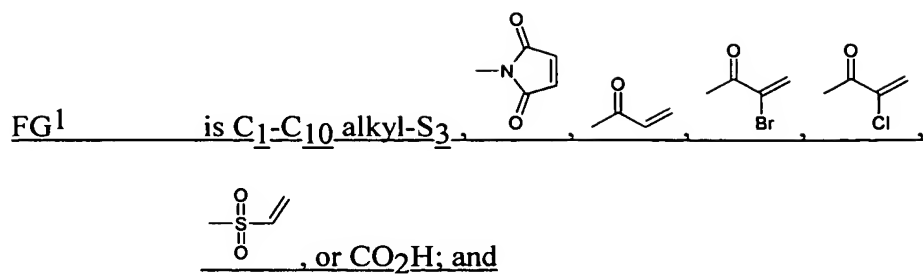
R<sup>22</sup> is hydrogen,  $\text{C}_1\text{-C}_{10}$  alkyl, aryl or aralkyl,

R<sup>23</sup> is hydrogen or  $\text{C}_1\text{-C}_{10}$  alkyl,

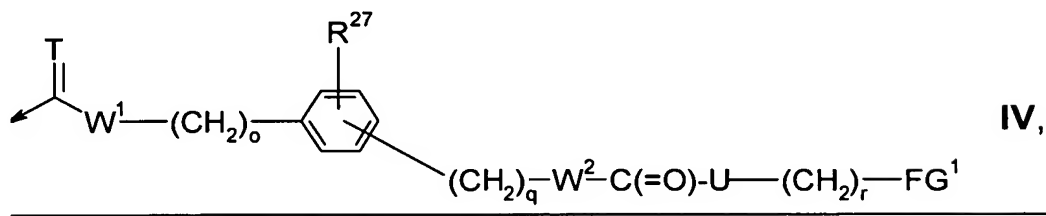
R<sup>24a</sup>, R<sup>24b</sup>,

and R<sup>24c</sup> are, independently of one another, hydrogen or  $\text{C}_1\text{-C}_{10}$  alkyl,

q \_\_\_\_\_ is 0 to 15,



the linker of formula (IV) has the following structure,



in which

T \_\_\_\_\_ is oxygen or sulfur,

W<sup>1</sup> and W<sup>2</sup> \_\_\_\_\_ are the same or different and are oxygen or NR<sup>24a</sup>,

o \_\_\_\_\_ is 0 to 5,

R<sup>24a</sup> \_\_\_\_\_ is hydrogen or C<sub>1</sub>-C<sub>10</sub> alkyl,

R<sup>27</sup> \_\_\_\_\_ is halogen, CN, NO<sub>2</sub>, CO<sub>2</sub>R<sup>28</sup>, or OR<sup>28</sup>,

R<sup>28</sup> \_\_\_\_\_ is hydrogen, C<sub>1</sub>-C<sub>10</sub> alkyl, aryl or aralkyl,

q \_\_\_\_\_ is 0 to 5,

U \_\_\_\_\_ is oxygen, CHR<sup>22</sup>, CHR<sup>22</sup>-NR<sup>23</sup>-C(=O)-, CHR<sup>22</sup>-NR<sup>23</sup>-C(=S)- or C<sub>1</sub>-C<sub>20</sub> alkyl,

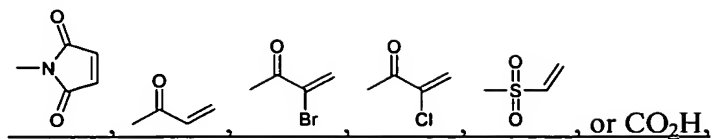
R<sup>22</sup> \_\_\_\_\_ is hydrogen, C<sub>1</sub>-C<sub>10</sub> alkyl, aryl or aralkyl,

R<sup>23</sup> \_\_\_\_\_ is hydrogen or C<sub>1</sub>-C<sub>10</sub> alkyl,

r \_\_\_\_\_ is 0 to 20,



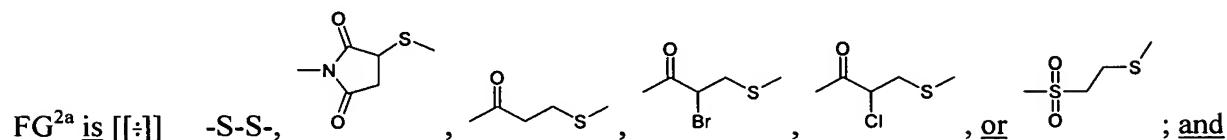
FG<sup>1</sup> is C<sub>1</sub>-C<sub>10</sub> alkyl-S<sub>3</sub>,



but

and wherein

at least one group FG<sup>1</sup> is not as defined above, but instead is replaced by a group FG<sup>2a</sup> or FG<sup>2b</sup>,  
wherein ~~FG<sup>2a</sup> or FG<sup>2b</sup> can have the following meanings:~~



FG<sup>2b</sup> is ~~[[;]]~~ -CONH-;

and wherein

a recognition unit is conjugated via a sulfur atom with the group FG<sup>2a</sup> or via an amide function with group FG<sup>2b</sup>;

and wherein the recognition unit is selected from ~~the group that consists of~~ peptides, soluble receptors, cytokines, lymphokines, aptamers, spiegelmers, recombinant proteins, new framework structures, monoclonal antibodies and fragments of monoclonal antibodies;

or

as a single isomer or a mixture of different isomers ~~and/or as~~ or a pharmaceutically acceptable salt thereof.

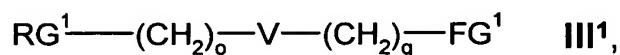
10. (Currently Amended) ~~Effector~~ An effector recognition unit conjugate according to claim 9, wherein the conjugate contains more than one recognition unit, and wherein the recognition units are identical.

11. (Currently Amended) ~~Effector~~ An effector recognition unit conjugate according to claim 9, wherein the recognition unit is an antibody, or an antigen-binding fragment thereof, which is specific for an antigen that is selected from ~~the group that consists of the antigens that are cited in Table 1, as well as~~ OC 125, OC 133, OMI, Mo v1, Mo v2, 3C2, 4C7, ID3, DU-PAN-2, F 36/22, 4F7/7A10, OV-TL3, B72.3, DF3, 2C8/2F7, MF 116, Mov18, CEA 11-H5, CA 19-9, (1116NS 19-9), H17-E2, 791T/36, NDOG2, H317, 4D5, 3H4, 7C2, 6E9, 2C4, 7F3, 2H11, 3E8, 5B8, 7D3, SB8, HMFG2, 3.14.A3, DF3, NCRC-11, 3C6F9, MBE6, CLNH5, MAC 40/43, EMA, HMFG1 HFMG2, 3.15.C3, M3, M8, M24, M18, 67-D-11, D547Sp, D75P3, H222, Anti EGF, LR-3, TA1, H59, 10-3D-2, HmAB1,2, MBR 1,2,3, 24-17-1, 24-17-2 (3E1-2), F36/22.M7/105, C11, G3, H7, B6-2, B1-1, Cam 17-1, SM3, SM4, C-Mul (566), 4D5 3H4, 7C2, 6E9, 2C4, 7F3, 2H11, 3E8, 5B8, 7D3, 5B8, OC 125, MO v2, DU-PAN-2, 4F7/7A10, DF3, B72-3, cccccCEA 11, H17-E2, 3-14-A3, FO23C5, B72-3, (17-1A) 1038-17-1A, CO17-1A, ZCE-025, AB2, HT-29-15, 250-30.6, 44X14, A7, GA73-3, 791T/36, 28A32, 28.19.8, X MMCO-791, DU-PAN-2, ID3, CEA, 11-H5, 2C8/2F7, CA-19-9 (1116NS 19-9), PR5C5, PR4D2, PR4D1, 4-1, 8-2 M17, 96-5, 118-1, 133-2, (113-2), L1, L10, R10 (R19), I12, K5, 6-1, R24, 5-1, 225.28S, 465.12S, 9-2-27, F11, 376.96S, 465.12S, 15-75, 15-95, Mel-14, Mel-12, Me3-TB7, 225.28SD, 763.24TS, 705F6, 436910, M148, ID3, DU-PAN-2, OV-TL3, B72-3, CEA 11-H5, 3-14-A3, C COLI, CA-19-9, 1116NS 19-9) and CA50, OC125, 4D5, 3H4, 7C2, 6E9, 2C4, 7F3, 2H11, 3E8, 5B8, 7D3, SB8, MO v2, B72-3, DU-PAN-2, CEA 11-H5, MUG 8-22, MUC 2-63, MUC 2-39, MUG 7-39, PAb

240, PAb 246, PAb 1801, ERIC-1, M148, FMH25, 6-1, CA1, 3F8, 4F7/7A10, 2C8/2F7, CEA, 11-H5, 2H8, 10G6, CD19, CD20, CD40, CD22, CD25, CD5, CD52, CD10, CD2, CD7, CD33, CD38, CD40, CD72, CD4, CD21, CD37, CD30, VCAM, CD31, ELAM, endoglin, VEGFR1/II,  $\alpha_v\beta_3$ , Tie1/2, TES23 (CD44ex6), phosphatidylserine, PSMA, VEGFR/VEGF complex and ED-B-fibronectin.

12-18. (Cancelled)

19. (Withdrawn and Currently Amended) ~~Method for the production of effector conjugates according to claim 1, wherein~~ A method according to claim 20, wherein the effector conjugate of formula (I), is prepared by reacting a compound of general formula (I), wherein the substituents have the meanings that are mentioned in claim 1, but the condition that at least one substituent  $L^1$ ,  $L^2$  or  $L^4$  represent a linker of general formula (III) or (IV) need not be met, and at least one substituent  $L^1$ ,  $L^2$  or  $L^4$  represents hydrogen, a group  $C(=O)Cl$ , or a group  $C(=S)Cl$ , is reacted with a linker that is selected from the group that consists of a linker of general formula (III<sup>1</sup>), (III<sup>2</sup>), (III<sup>3</sup>), (IV<sup>1</sup>), (IV<sup>2</sup>) ~~or~~ and (IV<sup>3</sup>),

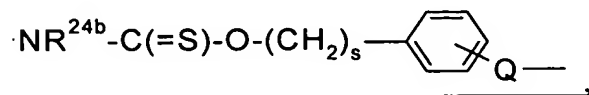
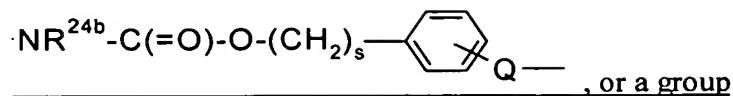


in which

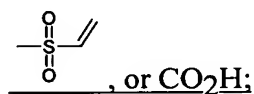
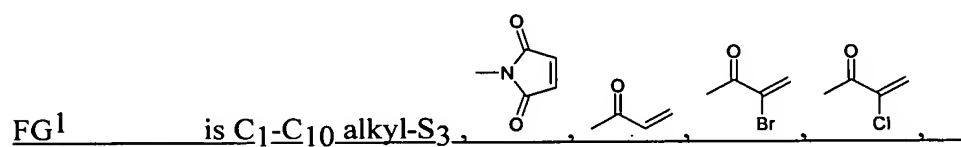
$RG^1$  is an  $O=C=N$  group or an  $S=C=N$  group,

$o$  is 0 to 15,

V is a bond, aryl, a group

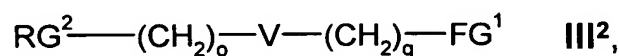


q is 0 to 15,



~~and o, V, q and FG<sup>1</sup> have the meanings that are mentioned in claim 1;~~

~~or linker of general formula (III<sup>2</sup>):~~

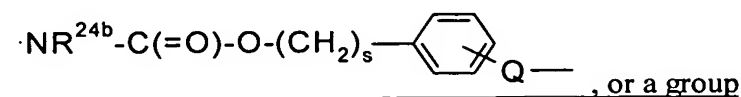


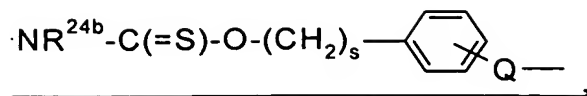
in which

$\text{RG}^2$  is a Hal-C(=T)-CHR<sup>22</sup> group, or a Hal-C(=T)-CHR<sup>22</sup>-NR<sup>23</sup>-C(=T) group, or an R<sup>26</sup>-C(=O)-O-C(=T)-CHR<sup>22</sup> group, or an R<sup>26</sup>-C(=O)-O-C(=T)-CHR<sup>22</sup>-NR<sup>23</sup>-C(=T) group, wherein R<sup>26</sup> is C<sub>1</sub>-C<sub>10</sub> alkyl, aryl, or aralkyl, ~~and o, V, q and FG<sup>1</sup> have the meanings that are mentioned in claim 1;~~

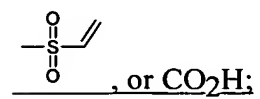
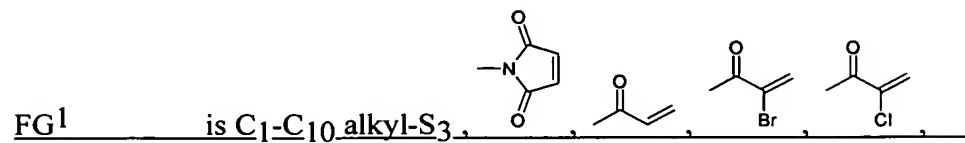
o is 0 to 15,

V is a bond, aryl, a group

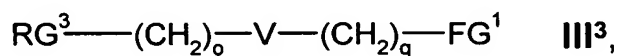




q is 0 to 15,



or linker of general formula (III<sup>3</sup>):

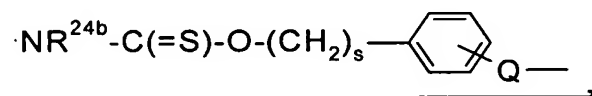
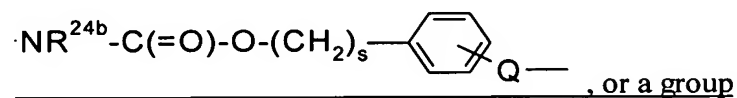


in which

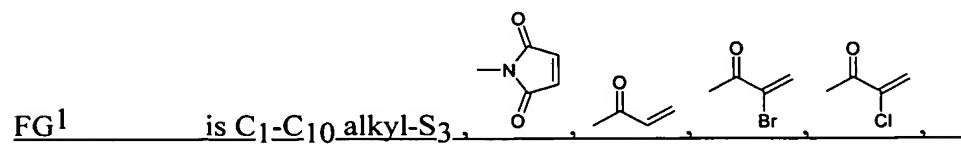
$\text{RG}^3$  is an OH group, or an  $\text{NHR}^{24a}$  group, or a COOH group, and  $o$ ,  $V$ ,  $q$  and  $\text{FG}^1$  have the meanings that are mentioned in claim 1;

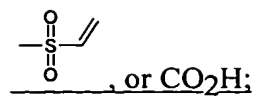
$o$  is 0 to 15,

$V$  is a bond, aryl, a group



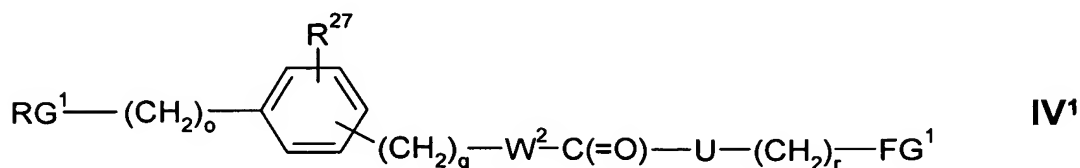
q is 0 to 15,





but with the proviso that the compound 1-(4-amino-phenyl)-pyrrole-2,5-dione is not included;

or linker of general formula (IV<sup>1</sup>):



in which

$\text{RG}^1$  is an O=C=N group or an S=C=N group,

$\text{W}^2$  is oxygen or  $\text{NR}^{24a}$

$o$  is 0 to 5,

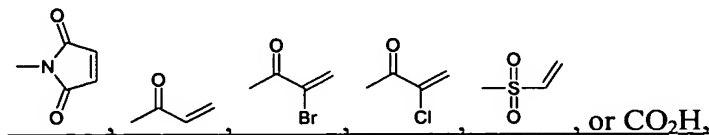
$\text{R}^{27}$  is halogen, CN, NO<sub>2</sub>, CO<sub>2</sub>R<sup>28</sup>, or OR<sup>28</sup>,

$q$  is 0 to 5,

$\text{U}$  is oxygen, CHR<sup>22</sup>, CHR<sup>22</sup>-NR<sup>23</sup>-C(=O)-, CHR<sup>22</sup>-NR<sup>23</sup>-C(=S)- or C<sub>1</sub>-C<sub>20</sub> alkyl,

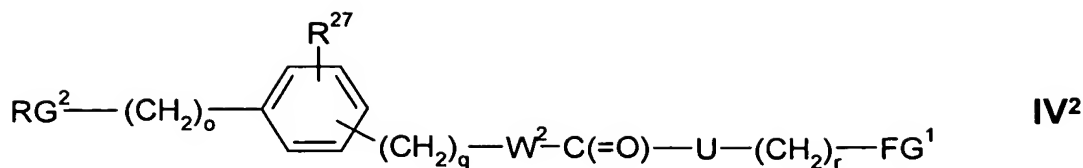
$r$  is 0 to 20,

$\text{FG}^1$  is C<sub>1</sub>-C<sub>10</sub> alkyl-S<sub>3</sub>,



and  $o, q, r, \text{W}^2, \text{R}^{27}, \text{U}$  and  $\text{FG}^1$  have the meanings that are mentioned in claim 1;

or linker of general formula (IV<sup>2</sup>):



in which

$\text{RG}^2$  is a  $\text{Hal}-\text{C}(=\text{T})-\text{CHR}^{22}$  group, or a  $\text{Hal}-\text{C}(=\text{T})-\text{CHR}^{22}-\text{NR}^{23}-\text{C}(=\text{T})$  group, or an  $\text{R}^{26}-\text{C}(=\text{O})-\text{O}-\text{C}(=\text{T})-\text{CHR}^{22}$  group, or an  $\text{R}^{26}-\text{C}(=\text{O})-\text{O}-\text{C}(=\text{T})-\text{CHR}^{22}-\text{NR}^{23}-\text{C}(=\text{T})$  group, wherein  $\text{R}^{26}$  is  $\text{C}_1$ - $\text{C}_{10}$  alkyl, aryl, or aralkyl,

$\text{T}$  is oxygen or sulfur,

$\text{W}^2$  is oxygen or  $\text{NR}^{24a}$ ,

$o$  is 0 to 5,

$\text{R}^{27}$  is halogen,  $\text{CN}$ ,  $\text{NO}_2$ ,  $\text{CO}_2\text{R}^{28}$ , or  $\text{OR}^{28}$ ,

$q$  is 0 to 5,

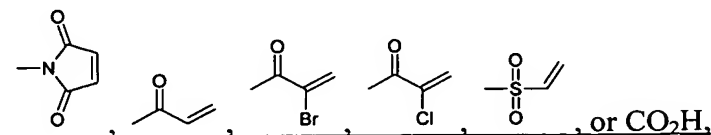
$\text{U}$  is oxygen,  $\text{CHR}^{22}$ ,  $\text{CHR}^{22}-\text{NR}^{23}-\text{C}(=\text{O})-$ ,  $\text{CHR}^{22}-\text{NR}^{23}-\text{C}(=\text{S})-$  or  $\text{C}_1$ - $\text{C}_{20}$  alkyl,

$\text{R}^{22}$  is hydrogen,  $\text{C}_1$ - $\text{C}_{10}$  alkyl, aryl or aralkyl,

$\text{R}^{23}$  is hydrogen or  $\text{C}_1$ - $\text{C}_{10}$  alkyl,

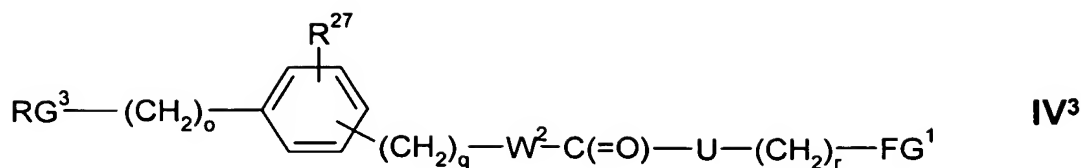
$r$  is 0 to 20,

$\text{FG}^1$  is  $\text{C}_1$ - $\text{C}_{10}$  alkyl- $\text{S}_3$ ,



and  $\text{R}^{22}$ ,  $\text{R}^{23}$ ,  $\text{T}$ ,  $o$ ,  $q$ ,  $r$ ,  $\text{W}^2$ ,  $\text{R}^{27}$ ,  $\text{U}$  and  $\text{FG}^1$  have the meanings that are mentioned in claim 1;

or linker of general formula (IV<sup>3</sup>):



in which

$\text{RG}^3$  is an OH group or an  $\text{NHR}^{24a}$  group or a COOH group,

$\text{W}^2$  is oxygen or  $\text{NR}^{24a}$

$o$  is 0 to 5,

$\text{R}^{24a}$  is hydrogen or  $\text{C}_1\text{-C}_{10}$  alkyl,

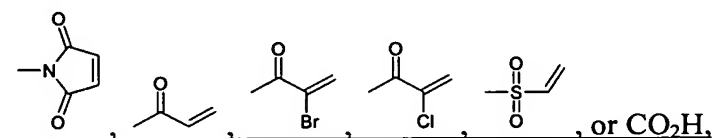
$\text{R}^{27}$  is halogen, CN,  $\text{NO}_2$ ,  $\text{CO}_2\text{R}^{28}$ , or  $\text{OR}^{28}$ ,

$q$  is 0 to 5,

$\text{U}$  is oxygen,  $\text{CHR}^{22}$ ,  $\text{CHR}^{22}\text{-NR}^{23}\text{-C}(=\text{O})\text{-}$ ,  $\text{CHR}^{22}\text{-NR}^{23}\text{-C}(=\text{S})\text{-}$  or  $\text{C}_1\text{-C}_{20}$  alkyl,

$r$  is 0 to 20,

$\text{FG}^1$  is  $\text{C}_1\text{-C}_{10}$  alkyl- $\text{S}_3$ ,



and  $\text{R}^{24}$ ,  $o$ ,  $q$ ,  $r$ ,  $\text{W}^2$ ,  $\text{R}^{27}$ ,  $\text{U}$  and  $\text{FG}^1$  have the meanings that are mentioned in claim 1.

20. (Withdrawn and Currently Amended) ~~Method for the production of~~ A method for preparing an effector recognition unit conjugate according to claim 9 ~~conjugates~~ comprising reacting an effector conjugate ~~according to claim 1~~ is of formula (I) with at least one recognition unit selected from ~~the group that consists of~~ peptides, soluble receptors, cytokines, lymphokines, aptamers, spiegelmers, recombinant proteins, new framework structures, monoclonal antibodies



and fragments of monoclonal antibodies.

21. (Withdrawn and Currently Amended) ~~Use of a compound of general A method according to claim 20, wherein in the effector conjugate of formula (I), wherein the substituents have the meanings that are mentioned in claim 1, but the condition that at least one substituent L<sup>1</sup>, L<sup>2</sup> or L<sup>4</sup> represent a linker of general formula (III) or (IV) need not be met, and at least one substituent L<sup>1</sup>, L<sup>2</sup> or L<sup>4</sup> represents hydrogen, a group C(=O)Cl, or a group C(=S)Cl, in a method for production of effector conjugates.~~

22-25. (Cancelled)

26. (Withdrawn and Currently Amended) ~~Effector A pharmaceutical composition comprising an effector recognition unit conjugate according to claim 9 and a pharmaceutically acceptable carrier for use as a medicament.~~

27. (Withdrawn and Currently Amended) ~~Effector recognition unit conjugate according to claim 9 for use as a medicament for treating diseases that are A method for treating a disease that is associated with proliferative processes comprising administering to a patient in need thereof an effective amount of a pharmaceutical composition according to claim 26.~~

28. (Withdrawn and Currently Amended) ~~A method for treating Effector recognition unit conjugate according to claim 9 for use as a medicament for treating a disease that is selected from the group that consists of tumors, inflammatory diseases, neurodegenerative diseases,~~

~~angiogenesis-associated diseases~~ a tumor, an inflammatory disease, a neurodegenerative disease,  
an angiogenesis-associated disease, multiple sclerosis, Alzheimer's disease, or ~~and~~ rheumatoid  
arthritis comprising administering to a patient in need thereof an effective amount of a  
pharmaceutical composition according to claim 26.

29. (New) A method for treating multiple sclerosis, Alzheimer's disease, or  
rheumatoid arthritis comprising administering to a patient in need thereof an effective amount of  
a pharmaceutical composition according to claim 26.

30. (New) A method for treating a tumor comprising administering to a patient in  
need thereof an effective amount of a pharmaceutical composition according to claim 26.

31. (New) An effector recognition unit conjugate according to claim 9, wherein Z is  
oxygen.